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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/691,792

10/18/2000

Yakov Kamen

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EXAMINER

SALTARELLI, DOMINIC D

ART UNIT

PAPER NUMBER

2623

MAIL DATE

DELIVERY MODE

07/21/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/691,792	Applicant(s) KAMEN ET AL.	
	Examiner DOMINIC D. SALTARELLI	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 May 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claim 10 have been considered and are moot in view of the new grounds of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 10-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hendricks et al. (5,798,785) [Hendricks] in view of Beer (5,793,368, of record).

Regarding claims 10, 12, 14, and 18, Hendricks discloses an apparatus comprising:

a processor (in set top 220); and

memory (also in set top 220) configured to store computer readable instruction that, when executed by the processor, cause the processor to perform a method comprising receiving electronic programming guide data from a broadcast source (menu information, col. 9 line 49 - col. 10 line 24 and col. 12, lines 54-63).

Hendricks fails to disclose receiving a user request to modify an electronic programming guide configured to display the electronic programming guide data.

In an analogous art, Beer teaches a method for allowing users to input requests to change the display characteristics of a user interface (col. 3, lines 16-67), providing the benefit of allowing users to select from a variety of different styles to suit their personal taste (col. 3, lines 23-25).

It would have been obvious at the time to a person of ordinary skill in the art to modify the apparatus of Hendricks to include receiving a user request to modify a user interface [electronic programming guide configured to display the electronic programming guide data], as taught by Beer, for the benefit of allowing users to select from a variety of different styles to suit their personal taste.

Thus combined, the combination of Hendricks and Beer discloses receiving, from the broadcast source, one or more criteria for making the user requested modification (since Hendricks teaches the operating code by which the set top box functions to interact with a user, display menu information, and control all other aspects of the system is received from the broadcaster, col. 27, lines 9-44); determining whether the one or more criteria have been met (proper interpretation of user input is a necessary part of the operation of the system, for example, a menu will only be displayed if the user inputs the correct commands for displaying said menu); and in response to determining that the one or more criteria have been met, modifying the electronic programming guide in

accordance with the user request (said changing of the user interface, as taught by Beer, wherein said interface is a program guide, as taught by Hendricks).

Regarding claims 11, 15, and 19, Hendricks and Beer disclose the method, computer readable media, and apparatus of claims 10, 14, and 18, wherein the modification requested includes a selection of a predefined display layout from a database storing a plurality of display layouts (Beer, col. 3, lines 50-67, wherein there are several UIL user interface descriptions to choose from, col. 3, lines 23-25).

Regarding claim 13, Hendricks and Beer disclose the method of claim 10, but fail to disclose the electronic programming guide comprises a three-dimensionally arranged set of surfaces textured by pre-processed broadcast program scheduling data.

Examiner takes official notice that the use of electronic programming guides comprised of a three-dimensionally arranged set of surfaces textured by pre-processed broadcast program scheduling data are notoriously well known in the art, as evidenced by the previously cited U.S. Patent No. 6,281,898 to Nikolovska, which provide the benefit of a more visually appealing user interface.

It would have been obvious at the time to a person of ordinary skill in the art to modify the method of Hendricks and Beer to include the electronic programming guide comprises a three-dimensionally arranged set of surfaces

textured by pre-processed broadcast program scheduling data, providing the benefit of a more visually appealing user interface.

Regarding claims 16 and 20, Hendricks and Beer disclose the computer readable medium and apparatus of claims 14 and 18, wherein the user request includes a change in a position of a portion of the electronic program guide (Beer teaches users adjust the positioning of individual aspects the user interface, the 'widgets', col. 6, lines 44-57).

Regarding claims 17 and 21, Hendricks and Beer disclose the criteria includes detection of a gesture (pressing a button on a remote control to generate user input which will be interpreted and acted upon by the set top box, Hendricks, col. 10 line 64 - col. 11 line 12, according to the instructions downloaded from the broadcaster, Hendricks, col. 27, lines 25-44).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DOMINIC D. SALTARELLI whose telephone number is (571)272-7302. The examiner can normally be reached on Monday - Friday 9:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571) 272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Dominic D Saltarelli/
Examiner, Art Unit 2623

/John W. Miller/
Supervisory Patent Examiner, Art Unit 2623